

**AMENDMENTS TO THE CLAIMS**

Please **ADD** new claims 284-291 as shown below.

This listing of claims will replace all prior versions, and listings, of claims in the application.

Claims 1-257. (Cancelled)

258. (Previously Presented) A method for interfacing between a terminal and a core network connected to a radio network, wherein the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network has a synchronous operating type, the method comprising the steps of:

a) recognizing an operating type of the core network on the basis of a core network operating type information contained in a message, to thereby allow the terminal to operate according to the recognized operating type of the core network,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			

REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == "ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

Claims 259-266. (Cancelled)

267. (Previously Presented) An apparatus for interfacing between a terminal and a core network connected to a radio network, wherein and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network has a synchronous operating type, said apparatus comprising:

detection means for recognizing an operating type of the core network on the basis of a core network operating type information in a message; and

setting means for setting an operating type of the terminal to one of the synchronous operating type and the asynchronous operating type on the basis of the recognized operating type of the core network,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
<SCHEDULING INFORMATION	M			

CN				
INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

Claims 268-274. (Cancelled)

275. (Previously Presented) A method for interfacing between a terminal and a core network connected to a radio network, wherein the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network has an asynchronous operating type, the method comprising the steps of:

a) recognizing an operating type of the core network on the basis of a core network operating type information contained in a message, to thereby allow the terminal to operate according to the recognized operating type of the core network,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			
REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")

ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")
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Claims 276-282. (Cancelled)

283. (Previously Presented) An apparatus for interfacing between a terminal and a core network connected to a radio network, wherein and the terminal has a hybrid operating type being possible to be set as either a synchronous operating type or an asynchronous operating type and the core network has an asynchronous operating type, comprising:

detection means for recognizing an operating type of the core network on the basis of a core network operating type information in a message; and

setting means for setting an operating type of the terminal to one of the synchronous operating type and the asynchronous operating type on the basis of the recognized operating type of the core network,

wherein the message is represented by:

INFORMATION ELEMENT	PRESENCE	MULTI	IE TYPE AND REFERENCE	SEMANTICS DESCRIPTION
OTHER INFORMATION ELEMENTS				
MIB VALUE TAG	M			

REFERENCES TO OTHER SYSTEM INFORMATION BLOCKS		1.. <MAX SYS INFO BLOCK COUNT>		
>SCHEDULING INFORMATION	M			
CN INFORMATION ELEMENTS				
CN TYPE	M		ANSI-41	
ANSI-41 INFORMATION ELEMENTS	C-ANSI			

CONDITION	EXPLANATION
GSM	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " GSM-MAP") OR (CN TYPE == "GSM-MAP AND ANSI-41")
ANSI	THIS INFORMATION ELEMENT SHALL BE PRESENT IN CASE (CN TYPE == " ANSI-41") OR (CN TYPE == "GSM-MAP AND ANSI-41")

284. (NEW) A method for interfacing between a terminal and a core network connected to a radio network, wherein the core network has an asynchronous operating type, the method comprising the steps of:

a) recognizing an operating type of the core network on the basis of a core network operating type information contained in a message, to thereby allow the terminal to operate according to the recognized operating type of the core network,

wherein the message includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a package switch type and a circuit switching type;

'CN type' information representing the core network operating type information representing the operating type of the core network; and

'PLMN IDENTIFY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN.

285. (NEW) The method of claim 284, wherein the message further includes scheduling information and a MIB value tag.

286. (NEW) An apparatus for interfacing between a terminal and a core network connected to a radio network, wherein the core network has an asynchronous operating type, comprising:

detection means for recognizing an operating type of the core network on the basis of a core network operating type information in a message; and

setting means for setting an operating type of the terminal on the basis of the recognized operating type of the core network,

wherein the message includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a package switch type and a circuit switching type;



'CN type' information representing the core network operating type information representing the operating type of the core network; and

'PLMN IDENTIFY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN.

287. (NEW) The method of claim 286, wherein the message further includes scheduling information and a MIB value tag.

288. (NEW) A method for interfacing between a terminal and a core network connected to a radio network, wherein the core network has an asynchronous operating type and the terminal is set to an asynchronous operating type, the method comprising the steps of:

a) recognizing an operating type of the core network on the basis of a core network operating type information contained in a message, to thereby allow the terminal to operate according to the recognized operating type of the core network,

wherein the message includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a package switch type and a circuit switching type;

'CN type' information representing the core network operating type information representing the operating type of the core network; and

'PLMN IDENTIFY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN.

289. (NEW) The method of claim 288, wherein the message further includes scheduling information and a MIB value tag.

290. (NEW) An apparatus for interfacing between a terminal and a core network connected to a radio network, wherein the core network has an asynchronous operating type and the terminal is set to an asynchronous operating type, comprising:

detection means for recognizing an operating type of the core network on the basis of a core network operating type information in a message; and

setting means for setting an operating type of the terminal on the basis of the recognized operating type of the core network,

wherein the message includes:

'CN INFORMATION ELEMENTS' information identifying the type of core network domain including one of a package switch type and a circuit switching type;

'CN type' information representing the core network operating type information representing the operating type of the core network; and

'PLMN IDENTIFY' information identifying a Public Land Mobile Network for a GSM-MAP type of PLMN.

291. (NEW) The method of claim 290, wherein the message further includes scheduling information and a MIB value tag.